

CLAIMS

What is claimed is:

- 1 1. An object catch bin comprising:
2 (a) a back stop;
3 (b) a tray angularly disposed to the back stop, the tray pivotal
4 about the vertex of the tray and the back stop; and
5 (c) bias means for resisting pivoting of the tray.
- 1 2. The object catch bin of claim 1 wherein the tray and the back stop
2 are fixed relative to each other.
- 1 3. The object catch bin of claim 1 wherein the back stop is pivotal
2 about the vertex of the tray and back stop.
- 1 4. The object catch bin of claim 1 further comprising a base member
2 for holding the tray.
- 1 5. The object catch bin of claim 4 wherein the bias means is disposed
2 between the tray and the base member.
- 1 6. The object catch bin of claim 1 further including a hinge attached to
2 the tray for pivoting the tray about the vertex of the tray and the back stop.
- 1 7. The object catch bin of claim 1 further including conveyor means for
2 projecting an object into the tray.
- 1 8. An object catch bin comprising:
2 (a) a tray disposed to catch objects, the tray having an edge and
3 pivotal about the edge;

4 (b) bias means for resisting pivoting of the tray about the edge;
5 and

6 (c) a back stop for catching objects within the tray.

1 9. The object catch bin of claim 8 wherein the back stop is attached to
2 the tray.

1 10. The object catch bin of claim 8 wherein the back stop is not
2 attached to the tray.

1 11. The object catch bin of claim 8 further comprising a base member
2 for holding the tray.

1 12. The object catch bin of claim 8 wherein the bias means is disposed
2 between the base member and the tray.

1 13. The object catch bin of claim 8 further including a hinge attached to
2 the tray for pivoting the tray about the edge of the tray.

1 14. The object catch bin of claim 8 further including conveyor means for
2 projecting an object into the tray.

1 15. A method for stacking objects, the method comprising:

- 2 (a) conveying objects;
3 (b) catching the objects with a tray;
4 (c) pivoting the tray;
5 (d) biasing the tray to resist pivoting.

1 16. The method of claim 15 wherein biasing the tray includes
2 springably resisting pivoting.

1 17. The method of claim 15 wherein biasing the tray includes
2 hydraulically resisting pivoting.

1 18. The method of claim 15 wherein biasing the tray includes
2 magnetically resisting pivoting.